

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An input device, comprising:

a body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a television remote controller communication; [[and]]

a plurality of bioindex detecting means, each for detecting a pulse wave at least one bioindex of a sweating, a Galvanic Skin Reflex, a Galvanic Skin Response, and a body temperature to produce an output value, a first one of the plurality of bioindex detecting means located at a rear face opposite to a front face of a casing of the body, the front face including a display screen, a second one of the plurality of bioindex detecting means located at a side face of the casing of the body; and

selection means for comparing signal-to-noise ratios of the output values produced by the plurality of bioindex detecting means to select an output value having a higher signal-to-noise ratio rear face including a finger holding cover projecting from the rear face and having an internal surface shape curved to take substantially the same shape as a finger tip shape, the finger holding cover covering the bioindex detecting means.

2. (Currently Amended) The input device according to claim 1, ~~further comprising:~~  
wherein one of the plurality of bioindex detecting means for detecting detects at least one of a sweating, a heartbeat, a pulse wave, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

3-4. (Canceled)

5. (Currently Amended) The input device according to claim 1, ~~further comprising:~~  
wherein one of the plurality of bioindex detecting means ~~for detecting a~~ detects the body temperature.

6-8. (Canceled)

9. (Currently Amended) The input device according to claim 42, wherein the selection means compares detection levels of the output values ~~detected~~ produced by the plurality of bioindex detecting means to select ~~[[an]]~~ the selected output value, the selected output value having a higher detection level.

10. (Currently Amended) The input device according to claim 42, wherein the selection means compares auto-correlation functions of the output values ~~detected~~ produced by the plurality of bioindex detecting means to select ~~[[an]]~~ the selected output value in which a correlation has been taken to a higher degree.

11. (Currently Amended) The input device according to claim 42, wherein the ~~selection means selects one~~ selected output ~~from outputs from~~ value is one of the output values produced by the plurality of bioindex detecting means.

12. (Currently Amended) The input device according to claim 42, wherein the selection means selects, as ~~[[an]]~~ the selected output value, a value which has been detected substantially as the same value as another value at the plurality of bioindex detecting means.

13. (Currently Amended) The input device according to claim 42, wherein the selection means selects, as ~~[[an]]~~ the selected output value, an average value obtained by averaging the output values ~~detected~~ produced at the plurality of bioindex detecting means.

14. (Canceled)

15. (Currently Amended) The input device according to claim 42, ~~further comprising:~~  
~~different kinds~~ wherein one of the plurality of bioindex detecting means ~~for detecting a same~~  
~~detects the at least one~~ bioindex by a different techniques technique.

16. (Currently Amended) The input device according to claim 42, ~~further comprising:~~  
~~different kinds~~ wherein one of the plurality of bioindex detecting means ~~for detecting~~ detects  
a different bioindices bioindex.

17-18. (Canceled)

19. (Currently Amended) The input device according to claim 42, wherein one of the  
plurality of bioindex detecting means is hand-held during a control or a steering at any one of  
an automotive vehicle, a train, an airplane, a ship, and an industrial machinery.

20. (Currently Amended) An input method for an input device, the method  
comprising:

~~contacting~~ detecting, with each of a plurality of bioindex detecting means located at a  
body of the input device, ~~a hand~~ at least one bioindex of a sweating, a Galvanic Skin Reflex,  
a Galvanic Skin Response, and a body temperature to produce an output value, said body

having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a remote controller communication; ~~and detecting, by bioindex detecting means, a pulse wave, a first one of the plurality of bioindex detecting means located at a rear face opposite to a front face of a casing of the body, the front face including a display screen, a second one of the plurality of bioindex detecting means located at a side face of the casing of the body; and~~

comparing signal-to-noise ratios of the output values produced by the plurality of bioindex detecting means to select an output value having a higher signal-to-noise ratio ~~rear face including a finger holding cover projecting from the rear face and having an internal surface shape curved to take substantially the same shape as a finger tip shape, the finger holding cover covering the bioindex detecting means.~~

21. (Currently Amended) The input method according to claim 20, further comprising:

detecting at least one of ~~a sweating, a heartbeat, a pulse wave, a skin temperature, a Galvanic Skin Reflex, a Galvanic Skin Response,~~ a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

22. (Currently Amended) The input method according to claim 20, ~~wherein the detecting consists of detecting plural bioindex detections, and the method further comprises~~ comprising:

~~selecting at least one bioindex information from bioindex information detected at the detecting plural bioindex detections; and~~

~~analyzing the at least one bioindex information selected at the selecting~~ output value.

23. (Canceled)

24. (Currently Amended) The input method according to claim 22, wherein one of the ~~plural~~ plurality of bioindex ~~detections detect~~ detection means detects the ~~[[same]]~~ at least one bioindex by a different ~~techniques~~ technique.

25. (Currently Amended) The input method according to claim 22, wherein one of the ~~plural~~ plurality of bioindex ~~detections detect~~ detection means detects a different bioindices bioindex.

26. (Currently Amended) ~~[[A]]~~ An electronic equipment including an input unit, the input unit comprising:

a body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a remote controller communication; ~~[[and]]~~

a plurality of bioindex detecting means, each for detecting ~~a pulse-wave~~ at least one bioindex of a sweating, a Galvanic Skin Reflex, a Galvanic Skin Response, and a body temperature to produce an output value, a first one of the bioindex detecting means located at ~~a rear face opposite to~~ a front face of a casing of the body, the front face including a display means, a second one of the plurality of bioindex detecting means located at a side face of the casing of the body; and

a processing unit configured to compare signal-to-noise ratios of the output values produced by the plurality of bioindex detecting means to select an output value having a higher signal-to-noise ratio ~~a finger holding cover projecting from the rear face and having an~~

~~internal surface shape curved to take substantially the same shape as a finger tip shape,  
located at the rear face, the finger holding cover covering the bioindex detecting means.~~

27. (Currently Amended) The electronic equipment according to claim 26, ~~further comprising: wherein one of the plurality of~~ bioindex detecting means ~~for detecting~~ detects at least one of ~~a sweating, a heartbeat, a pulse wave, a skin temperature, a Galvanic Skin Reflex, a Galvanic Skin Response,~~ a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

28. (Canceled)

29. (Currently Amended) The electronic equipment according to claim ~~[[28]]~~ 26, wherein the display means displays a guide display for an operation and information, ~~the detecting means located at a side surface portion of the casing.~~

30. (Currently Amended) The electronic equipment according to claim ~~[[28]]~~ 26, further comprising:

operation means for an operation input, the first one of the plurality of bioindex detecting means located at a position of a surface of the operation means ~~with which a finger comes into contact.~~

31. (Currently Amended) The electronic equipment according to claim ~~[[28]]~~ 26, wherein the second one of the plurality of bioindex detecting means is provided at a corner portion of the casing.

32. (Canceled)

33. (Currently Amended) The electronic equipment according to claim ~~[[28]]~~ 26,  
further comprising:

pulse wave detecting means provided at a rear face opposite to the front face of the casing of the body, wherein the display means displays a guide display for an operation and information.

34. (Currently Amended) The electronic equipment according to claim 33, wherein  
the rear face includes

a finger holding cover having an internal surface curved to take substantially the same shape as a finger tip,

a finger tip insertion portion formed between the finger holding cover and the rear face of the casing,

light emitting means ~~are provided~~ at an inner surface of the finger holding cover, and

light receiving means ~~as the bioindex detecting means~~ located at the rear face of the casing opposite to the light emitting means.

35. (Currently Amended) The electronic equipment according to claim 26, ~~further comprising:~~ wherein one of the plurality of bioindex detecting means for detecting a detects the body temperature.

36. (Canceled)

37. (Currently Amended) The electronic equipment according to claim ~~[[36]]~~ 35, wherein the display means displays a guide display for an operation and information, ~~the electronic equipment further comprising: bioindex detecting means located at a side surface portion with respect to the front face.~~

38. (Currently Amended) The electronic equipment according to claim ~~[[36]]~~ 35, further comprising:

operation means, the ~~finger tip temperature~~ first one of the plurality of bioindex detecting means located at a position of a surface of the operation means ~~with which a finger comes into contact.~~

39. (Currently Amended) The electronic equipment according to claim ~~[[36]]~~ 35, wherein the ~~palm temperature~~ second one of the plurality of bioindex detecting means is provided at a corner portion of an outer peripheral surface side of the casing.

40. (Currently Amended) The electronic equipment according to claim ~~[[36]]~~ 35, wherein one of the ~~finger tip temperature~~ plurality of bioindex detecting means is provided at ~~[[the]]~~ a rear face opposite to the front face of the casing.

41. (Canceled)

42. (Currently Amended) The input device according to claim 1, further comprising:  
bioindex analyzing means for analyzing bioindex information detected by the plurality of bioindex detecting means; ~~and selection means for selecting bioindex information from the bioindex information detected by the bioindex detecting means,~~ the bioindex



analyzing means analyzing the ~~bioindex information~~ output value selected by the selection means.

43. (Currently Amended) The input device according to claim 1, wherein the input device inputs instructions to any one of a personal computer, a television image receiver, a video and/or audio signal recording and/or reproducing device, and an air conditioner; ~~said casing of said body including a first sensor on a first side of said body and a second sensor on a second side of said body, said first sensor and said second sensor positioned to be in contact with a hand during the wireless communication.~~

44. (New) The input device according to claim 1, wherein a third one of the plurality of bioindex detecting means is located at a rear face opposite to the front face of the casing of the body, the rear face including a finger holding cover projecting from the rear face and having an internal surface curved to take substantially the same shape as a finger tip, the finger holding cover covering the third one of the plurality of bioindex detecting means.

45. (New) The input device according to claim 1, wherein the first one of the plurality of bioindex detecting means and the second one of the plurality of bioindex detecting means each detect the body temperature, and the input device measures a temperature difference between the output value produced by the first one of the plurality of bioindex detecting means and the output value produced by the second one of the plurality of bioindex detecting means.